APPENDIX E

LAB ORDER No.: C090415
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SUPPLEMENTAL QUALITY CONTROL (QC) DATA REPORT

Report Date: 08 OCT 2002
Received Date: 12 SEP 2002

Client: Bill Nickels
Dept.Water Res.-Bryte Chem Lab
1450 Riverbank Rd
West Sacramento, CA 95605

Project: DELTA WETLANDS-BOULDIN IS.,BACON IS.

QC Batch ID	Method	Matrix
A021099ICP	6010B	SOLID
A021104ICP	200.7	AQUEOUS
A021121MER	7471A	SOLID
I020012PH	9045C	SOLID
S020076BNA	8270	SOLID
T020261OCP	8082	SOLID
T020261OCP	8081A	SOLID
T020267OCP	8082	SOLID
T020267OCP	8081A	SOLID
T020269OPP	8141A	SOLID
V020072G9A	8015/8020A	SOLID
V020073G9A	8015/8020A	SOLID
V020074G9A	8015/8020A	AQUEOUS
V020107MSB	8260	SOLID
V020108MSB	8260	SOLID

William Svoboda
Project Manager

CAHorn
Christine Horn
Laboratory Director

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Results are specific to the sample as submitted and only to the parameters reported.
All analyses performed by EPA Methods or Standard Methods (SM) 18th Ed. except where noted.
Results of 'ND' mean not detected at or above the listed Reporting Limit (R.L.).
Analyte Spike Amounts reported as 'NS' mean not spiked and will not have recoveries reported.
'RPD' means Relative Percent Difference and RPD Acceptance Criteria is stated as a maximum.
'NC' means not calculated for RPD or Spike Recoveries.

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: C090415

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: A021099ICP					
Antimony	ND	2.	mg/kg	09.20.02	
Arsenic	ND	1.	mg/kg	09.23.02	
Barium	ND	1.	mg/kg	09.20.02	
Beryllium	ND	0.2	mg/kg	09.20.02	
Cadmium	ND	0.2	mg/kg	09.20.02	
Chromium	ND	1.	mg/kg	09.20.02	
Cobalt	ND	0.4	mg/kg	09.20.02	
Copper	ND	1.	mg/kg	09.23.02	
Lead	ND	1.	mg/kg	09.20.02	
Molybdenum	ND	1.	mg/kg	09.20.02	
Nickel	ND	1.	mg/kg	09.20.02	
Selenium	ND	2.	mg/kg	09.20.02	
Silver	ND	0.6	mg/kg	09.20.02	
Thallium	ND	2.	mg/kg	09.20.02	
Vanadium	ND	0.4	mg/kg	09.20.02	
Zinc	ND	4.	mg/kg	09.20.02	
QC BATCH: A021104ICP					
Chromium	ND	0.005	mg/L	09.18.02	
QC BATCH: A021121MER					
Mercury	ND	0.02	mg/kg	09.19.02	
QC BATCH: S020076BNA					
SEMIVOLATILE ORGANIC COMPOUNDS				09.20.02	
Acenaphthene	ND	0.33	mg/kg		
Acenaphthylene	ND	0.33	mg/kg		
Anthracene	ND	0.33	mg/kg		
Benzo(a)anthracene	ND	0.33	mg/kg		
Benzo(b)fluoranthene	ND	0.33	mg/kg		
Benzo(k)fluoranthene	ND	0.33	mg/kg		
Benzo(ghi)perylene	ND	0.33	mg/kg		
Benzo(a)pyrene	ND	0.33	mg/kg		
Chrysene	ND	0.33	mg/kg		
Dibenzo(a,h)anthracene	ND	0.33	mg/kg		
Fluoranthene	ND	0.33	mg/kg		
Fluorene	ND	0.33	mg/kg		
Indeno(1,2,3-cd)pyrene	ND	0.33	mg/kg		
Naphthalene	ND	0.33	mg/kg		
Phenanthrene	ND	0.33	mg/kg		

METHOD BLANK ANALYTICAL RESULTS

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: S020076BNA (continued)					
SEMIVOLATILE ORGANIC COMPOUNDS (continued)				09.20.02	
Pyrene	ND	0.33	mg/kg		
Surrogate Nitrobenzene-d5	80.		%		
Surrogate 2-Fluorobiphenyl	83.		%		
Surrogate Terphenyl-d14	66.		%		
Surrogate 2-Fluorophenol	65.		%		
Surrogate Phenol-d6	76.		%		
Surrogate 2,4,6-Tribromophenol	82.		%		
QC BATCH: T0202610CP					
CHLORINATED PESTICIDES				09.16.02	1
Aldrin	ND	0.003	mg/kg		
alpha-BHC	ND	0.003	mg/kg		
beta-BHC	ND	0.003	mg/kg		
gamma-BHC (Lindane)	ND	0.003	mg/kg		
delta-BHC	ND	0.003	mg/kg		
Chlordane	ND	0.006	mg/kg		
p,p'-DDD	ND	0.003	mg/kg		
p,p'-DDE	ND	0.003	mg/kg		
p,p'-DDT	ND	0.003	mg/kg		
Dieldrin	ND	0.003	mg/kg		
Endosulfan I	ND	0.003	mg/kg		
Endosulfan II	ND	0.003	mg/kg		
Endosulfan Sulfate	ND	0.003	mg/kg		
Endrin	ND	0.003	mg/kg		
Endrin Aldehyde	ND	0.003	mg/kg		
Endrin Ketone	ND	0.003	mg/kg		
Heptachlor	ND	0.003	mg/kg		
Heptachlor Epoxide	ND	0.003	mg/kg		
Methoxychlor	ND	0.003	mg/kg		
Toxaphene	ND	0.02	mg/kg		
Surrogate TCMX	89.		%		
Surrogate Decachlorobiphenyl	91.		%		
POLYCHLORINATED BIPHENYLS (PCBS)				09.18.02	
PCB 1016	ND	0.05	mg/kg		
PCB 1221	ND	0.02	mg/kg		
PCB 1232	ND	0.02	mg/kg		
PCB 1242	ND	0.02	mg/kg		
PCB 1248	ND	0.02	mg/kg		
PCB 1254	ND	0.02	mg/kg		

1) This sample was analyzed following Florisil column cleanup (EPA Method 3620B).

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: C090415

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: T0202610CP (continued)					
POLYCHLORINATED BIPHENYLS (PCBS) (continued)				09.18.02	
PCB 1260	ND	0.05	mg/kg		
Surrogate TCMX	88.		%		
Surrogate Decachlorobiphenyl	98.		%		
QC BATCH: T0202670CP					
CHLORINATED PESTICIDES				09.21.02	1
Aldrin	ND	0.003	mg/kg		
alpha-BHC	ND	0.003	mg/kg		
beta-BHC	ND	0.003	mg/kg		
gamma-BHC (Lindane)	ND	0.003	mg/kg		
delta-BHC	ND	0.003	mg/kg		
Chlordane	ND	0.006	mg/kg		
p,p'-DDD	ND	0.003	mg/kg		
p,p'-DDE	ND	0.003	mg/kg		
p,p'-DDT	ND	0.003	mg/kg		
Dieldrin	ND	0.003	mg/kg		
Endosulfan I	ND	0.003	mg/kg		
Endosulfan II	ND	0.003	mg/kg		
Endosulfan Sulfate	ND	0.003	mg/kg		
Endrin	ND	0.003	mg/kg		
Endrin Aldehyde	ND	0.003	mg/kg		
Endrin Ketone	ND	0.003	mg/kg		
Heptachlor	ND	0.003	mg/kg		
Heptachlor Epoxide	ND	0.003	mg/kg		
Methoxychlor	ND	0.003	mg/kg		
Toxaphene	ND	0.02	mg/kg		
Surrogate TCMX	78.		%		
Surrogate Decachlorobiphenyl	86.		%		
POLYCHLORINATED BIPHENYLS (PCBS)				09.23.02	
PCB 1016	ND	0.02	mg/kg		
PCB 1221	ND	0.02	mg/kg		
PCB 1232	ND	0.02	mg/kg		
PCB 1242	ND	0.02	mg/kg		
PCB 1248	ND	0.02	mg/kg		
PCB 1254	ND	0.02	mg/kg		
PCB 1260	ND	0.02	mg/kg		
Surrogate TCMX	77.		%		
Surrogate Decachlorobiphenyl	82.		%		

1) This sample was analyzed following Florisil column cleanup (EPA Method 3620B).

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: C090415

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: T020269OPP					
ORGANOPHOSPHORUS PESTICIDES				09.30.02	
Chlorpyrifos (Dursban)	ND	0.30	mg/kg		
Coumaphos	ND	1.5	mg/kg		
Demeton - O and - S	ND	0.30	mg/kg		
Diazinon	ND	0.30	mg/kg		
Dichlorvos	ND	0.30	mg/kg		
Disulfoton (Di-Syston)	ND	5.3	mg/kg		
Ethoprophos (Prophos)	ND	5.3	mg/kg		
Fensulfothion	ND	0.1	mg/kg		
Fenthion	ND	0.04	mg/kg		
Azinphos methyl (Guthion)	ND	1.5	mg/kg		
Merphos	ND	1.5	mg/kg		
Parathion methyl	ND	5.3	mg/kg		
Naled (Dibrom)	ND	5.3	mg/kg		
Phorate (Thimet)	ND	0.04	mg/kg		
Mevinphos (Phosdrin)	ND	1.5	mg/kg		
Ronnel (Fenchlorophos)	ND	0.30	mg/kg		
Bolstar (Sulprofos)	ND	0.8	mg/kg		
Stirophos (Tetrachlorvinphos)	ND	0.04	mg/kg		
Tokuthion (Prothiofos)	ND	0.04	mg/kg		
Trichloronate	ND	0.1	mg/kg		
Surrogate-Tributylphosphate	124.		%		
Surrogate-Triphenylphosphate	64.		%		
QC BATCH: V020072G9A					
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS				09.13.02	
Benzene	ND	0.0025	mg/kg		
Toluene	ND	0.0025	mg/kg		
Ethylbenzene	ND	0.0025	mg/kg		
Xylenes (Total)	ND	0.0025	mg/kg		
Methyl tert-Butyl Ether (MTBE)	ND	0.125	mg/kg		
Surrogate 4-Bromofluorobenzene [PID]	69.		%		
QC BATCH: V020073G9A					
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS				09.16.02	
Benzene	ND	0.0025	mg/kg		
Toluene	ND	0.0025	mg/kg		
Ethylbenzene	ND	0.0025	mg/kg		
Xylenes (Total)	ND	0.0025	mg/kg		
Methyl tert-Butyl Ether (MTBE)	ND	0.125	mg/kg		

METHOD BLANK ANALYTICAL RESULTS

LAB ORDER No.: C090415

ANALYTE	RESULT	R.L.	UNITS	ANALYZED	NOTES
QC BATCH: V020073G9A (continued)					
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS (continued)				09.16.02	
Surrogate 4-Bromofluorobenzene [PID]	70.		%		
QC BATCH: V020074G9A					
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS				09.17.02	
Total Petroleum Hydrocarbons - Gasoline	ND	50.	ug/L		
TPH-Purgeable, quantitated as gasoline	ND	50.	ug/L		
Benzene	ND	0.5	ug/L		
Toluene	ND	0.5	ug/L		
Ethylbenzene	ND	0.5	ug/L		
Xylenes (Total)	ND	0.5	ug/L		
Methyl tert-Butyl Ether (MTBE)	ND	5.	ug/L		
Surrogate 4-Bromofluorobenzene [FID]	80.		%		
Surrogate 4-Bromofluorobenzene [PID]	75.		%		
QC BATCH: V020107MSB					
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS				09.18.02	
Benzene	ND	0.0025	mg/kg		
Toluene	ND	0.0025	mg/kg		
Ethylbenzene	ND	0.0025	mg/kg		
Xylenes (Total)	ND	0.0025	mg/kg		
Methyl tert-Butyl Ether (MTBE)	ND	0.125	mg/kg		
Surrogate 4-BFB	109.		%		
QC BATCH: V020108MSB					
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS				09.19.02	
Benzene	ND	0.0025	mg/kg		
Toluene	ND	0.0025	mg/kg		
Ethylbenzene	ND	0.0025	mg/kg		
Xylenes (Total)	ND	0.0025	mg/kg		
Methyl tert-Butyl Ether (MTBE)	ND	0.125	mg/kg		
Surrogate 4-BFB	101.		%		

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

LAB ORDER No.: C090415

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: A021099ICP							
Antimony	19.6	18.4\	94\	75-125\35		09.20.02	
Arsenic	19.2	19.7\	103\	75-125\35		09.23.02	
Barium	98.0	92.1\	94\	75-125\35		09.20.02	
Beryllium	19.6	19.4\	99\	75-125\35		09.20.02	
Cadmium	9.80	9.96\	102\	75-125\35		09.20.02	
Chromium	19.6	19.8\	101\	75-125\35		09.20.02	
Cobalt	19.6	19.2\	98\	75-125\35		09.20.02	
Copper	19.2	17.1\	89\	75-125\35		09.23.02	
Lead	98.0	98.4\	100\	75-125\35		09.20.02	
Molybdenum	19.6	18.7\	95\	75-125\35		09.20.02	
Nickel	19.6	20.2\	103\	75-125\35		09.20.02	
Selenium	19.6	19.4\	99\	75-125\35		09.20.02	
Silver	19.6	19.1\	97\	75-125\35		09.20.02	
Thallium	98.0	93.9\	96\	75-125\35		09.20.02	
Vanadium	19.6	19.4\	99\	75-125\35		09.20.02	
Zinc	98.0	101.\	103\	75-125\35		09.20.02	
QC BATCH: A021104ICP							
Chromium	0.0400	0.0400\	100\	80-120\20		09.18.02	
QC BATCH: A021121MER							
Mercury	0.100	0.0974\	97\	75-125\35		09.19.02	
QC BATCH: S020076BNA							
SEMIVOLATILE ORGANIC COMPOUNDS						09.20.02	
Acenaphthene	3.33	2.58\	77\	35-135\40			
Pyrene	3.33	2.53\	76\	30-130\35			
Surrogate Nitrobenzene-d5	3.33	2.91\	87\	20-120\			
Surrogate 2-Fluorobiphenyl	3.33	2.69\	81\	30-130\			
Surrogate Terphenyl-d14	3.33	2.06\	62\	30-130\			
Surrogate 2-Fluorophenol	6.67	4.71\	71\	20-120\			
Surrogate Phenol-d6	6.67	5.61\	84\	20-120\			
Surrogate 2,4,6-Tribromophenol	6.67	5.68\	85\	30-140\			

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: T0202610CP							
CHLORINATED PESTICIDES						09.16.02	1
Aldrin	0.0133	0.0100\	75\	19-134\35			
gamma-BHC (Lindane)	0.0133	0.0107\	80\	29-123\19			
p,p'-DDT	0.0133	0.0115\	86\	23-156\23			
Dieldrin	0.0133	0.0107\	80\	36-133\17			
Endrin	0.0133	0.0114\	85\	32-143\18			
Heptachlor	0.0133	0.0117\	88\	16-155\20			
Surrogate TCMX	0.0133	0.0120\	90\	10-119\			
Surrogate Decachlorobiphenyl	0.0133	0.0078\	59\	47-149\			
POLYCHLORINATED BIPHENYLS (PCBS)						09.18.02	
PCB 1260	0.0667	0.0721\	108\	50-120\			
Surrogate TCMX	0.0133	0.0121\	91\	10-119\			
Surrogate Decachlorobiphenyl	0.0133	0.0140\	105\	47-149\			
QC BATCH: T0202670CP							
CHLORINATED PESTICIDES						09.21.02	1
Aldrin	0.0133	0.0097\	73\	19-134\35			
gamma-BHC (Lindane)	0.0133	0.0095\	71\	29-123\19			
p,p'-DDT	0.0133	0.0107\	80\	23-156\23			
Dieldrin	0.0133	0.0101\	75\	36-133\17			
Endrin	0.0133	0.0102\	77\	32-143\18			
Heptachlor	0.0133	0.0101\	75\	16-155\20			
Surrogate TCMX	0.0133	0.0112\	84\	10-119\			
Surrogate Decachlorobiphenyl	0.0133	0.0111\	83\	47-149\			
POLYCHLORINATED BIPHENYLS (PCBS)						09.23.02	
PCB 1260	0.0667	0.0573\	86\	50-120\			
Surrogate TCMX	0.0133	0.0112\	84\	10-119\			
Surrogate Decachlorobiphenyl	0.0133	0.0120\	90\	47-149\			
QC BATCH: T0202690PP							
ORGANOPHOSPHORUS PESTICIDES						09.30.02	
Diazinon	0.2	0.125\	62\	40-140\			
Disulfoton (Di-Syston)	0.2	0.124\	62\	20-130\			
Azinphos methyl (Guthion)	0.2	0.126\	63\	40-140\			
Parathion methyl	0.2	0.128\	64\	40-140\			
Surrogate-Tributylphosphate	0.333	0.188\	56\	20-120\			
Surrogate-Triphenylphosphate	0.333	0.194\	58\	46-180\			

1) This sample was analyzed following Florisil column cleanup (EPA Method 3620B).

LAB ORDER No.: C090415

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: V020072G9A							
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS						09.13.02	1
Benzene	0.0128	0.0146\	114\	50-130\			
Toluene	0.0772	0.0780\	101\	60-140\			
Ethylbenzene	0.0184	0.0183\	99\	50-150\			
Xylenes (Total)	0.0924	0.0898\	97\	60-140\			
Methyl tert-Butyl Ether (MTBE)	0.0208	J0.0225\	108\				
Surrogate 4-Bromofluorobenzene [PID]	0.020	0.0144\	72\	50-130\			
QC BATCH: V020073G9A							
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS						09.16.02	1
Benzene	0.0128	0.0154\	120\	50-130\			
Toluene	0.0772	0.0825\	107\	60-140\			
Ethylbenzene	0.0184	0.0194\	105\	50-150\			
Xylenes (Total)	0.0924	0.0955\	103\	60-140\			
Methyl tert-Butyl Ether (MTBE)	0.0208	J0.0227\	109\				
Surrogate 4-Bromofluorobenzene [PID]	0.020	0.020\	100\	50-130\			
QC BATCH: V020074G9A							
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS						09.17.02	
Total Petroleum Hydrocarbons - Gasoline	550.	519.\543.	94\99	50-130\	4.5		
Benzene	6.4	7.73\7.91	121\124	50-130\	2.3		
Toluene	38.6	40.9\42.1	106\109	50-130\	2.9		
Ethylbenzene	9.2	9.75\9.94	106\108	50-130\	1.9		
Xylenes (Total)	46.2	47.4\48.2	103\104	60-130\	1.7		
Methyl tert-Butyl Ether (MTBE)	10.4	9.92\9.71	95\93		2.1		
Surrogate 4-Bromofluorobenzene [FID]	10.0	8.83\8.91	88\89	50-130\			
Surrogate 4-Bromofluorobenzene [PID]	10.0	8.22\8.03	82\80	50-130\			

1) A "J" flagged result indicates an estimated concentration above the Method Detection Limit (MDL) and below the RL/ML (Reporting Limit/Minimum Level). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

LAB ORDER No.: C090415

LABORATORY CONTROL SAMPLE ANALYTICAL RESULTS

ANALYTE	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: V020107MSB							
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS						09.18.02	
Benzene	0.0400	0.0354\0.0323	88\81	50-130\	9.2		
Toluene	0.0400	0.0341\0.0310	85\78	60-140\	9.5		
Ethylbenzene	0.0400	0.0344\0.0312	86\78	50-150\	9.8		
Xylenes (Total)	0.120	0.104\0.0950	87\79	60-140\	9.0		
Methyl tert-Butyl Ether (MTBE)	0.0400	0.0326\0.0412	82\103		23.		
Surrogate 4-BFB	0.0600	0.0594\0.0565	99\94	50-150\			
QC BATCH: V020108MSB							
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS						09.19.02	
Benzene	0.0400	0.0348\0.0358	87\90	50-130\	2.8		
Toluene	0.0400	0.0352\0.0355	88\89	60-140\	0.9		
Ethylbenzene	0.0400	0.0354\0.0357	88\89	50-150\	0.8		
Xylenes (Total)	0.120	0.108\0.109	90\91	60-140\	0.9		
Methyl tert-Butyl Ether (MTBE)	0.0400	0.0306\0.0346	76\86		12.		
Surrogate 4-BFB	0.0600	0.0560\0.0578	93\96	50-150\			

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DUPLICATE SAMPLES ANALYTICAL RESULTS

ANALYTE	R.L.	ORIGINAL RESULT	DUPLICATE RESULT	REL% DIFF	ACCEPT LIMIT	ANALYZED	NOTES
QC BATCH: I020012PH							
QC SAMPLE LAB NUMBER: C090415-1							
pH		5.86	5.88	0.3	35	09.18.02	

MATRIX SPIKE ANALYTICAL RESULTS

LAB ORDER No.: C090415

ANALYTE	ORIGINAL RESULT	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: A021099ICP QC SAMPLE LAB NUMBER: C090415-19								
Antimony	ND	19.6	J1.61\J1.18	8\6	75-125\35	31.	09.20.02	1,2
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Arsenic	13.9	19.2	29.9\31.1	83\90	75-125\35	3.9	09.23.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Barium	170.	98.0	256.\259.	88\91	75-125\35	1.2	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Beryllium	ND	19.6	17.2\17.6	88\90	75-125\35	2.3	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Cadmium	ND	9.80	8.02\8.17	82\83	75-125\35	1.9	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Chromium	37.7	19.6	54.2\55.3	84\90	75-125\35	2.0	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Cobalt	13.0	19.6	30.1\30.9	87\91	75-125\35	2.6	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Copper	26.4	19.2	42.8\43.5	85\89	75-125\35	1.6	09.23.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Lead	10.0	98.0	97.1\98.8	89\91	75-125\35	1.7	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Molybdenum	1.14	19.6	13.0\13.2	61\62	75-125\35	1.5	09.20.02	1

1) Low Matrix Spike recovery(ies) due to possible matrix interferences in the QC sample. QC batch accepted based on LCS and RPD results.
2) A "J" flagged result indicates an estimated concentration above the Method Detection Limit (MDL) and below the RL/ML (Reporting Limit/Minimum Level). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

MATRIX SPIKE ANALYTICAL RESULTS

LAB ORDER No.: C090415

ANALYTE	ORIGINAL RESULT	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: A021099ICP (continued)								
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Nickel	45.7	19.6	62.6\64.6	86\96	75-125\35	3.1	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Selenium	ND	19.6	15.9\16.5	81\84	75-125\35	3.7	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Silver	ND	19.6	17.4\18.1	89\92	75-125\35	3.9	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Thallium	ND	98.0	84.6\86.8	86\89	75-125\35	2.6	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Vanadium	55.9	19.6	71.2\72.6	78\85	75-125\35	1.9	09.20.02	
QC BATCH: A021099ICP (continued) QC SAMPLE LAB NUMBER: C090415-19								
Zinc	61.4	98.0	146.\149.	86\89	75-125\35	2.0	09.20.02	
QC BATCH: A021104ICP QC SAMPLE LAB NUMBER: C090347-2								
Chromium	0.00507	0.0400	0.0452\0.0451	100\100	80-120\20	0.2	09.18.02	
QC BATCH: A021121MER QC SAMPLE LAB NUMBER: C090415-1								
Mercury	0.0791	0.100	0.173\0.170	94\91	75-125\35	1.7	09.19.02	
QC BATCH: T0202610CP QC SAMPLE LAB NUMBER: C090415-1								
CHLORINATED PESTICIDES Aldrin	ND	0.0133	0.0345\0.0208	259\156	10-181\39	50.	09.19.02	1,2

1) This sample was analyzed following Florisil column cleanup (EPA Method 3620B).
2) Matrix spike recovery(ies) and RPD outside control limit. Sample result accepted based on LCS and Method Blank.

MATRIX SPIKE ANALYTICAL RESULTS

LAB ORDER No.: C090415

ANALYTE	ORIGINAL RESULT	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: T020261OCP (continued)								
QC SAMPLE LAB NUMBER: C090415-1								
CHLORINATED PESTICIDES (continued)							09.19.02	
gamma-BHC (Lindane)	ND	0.0133	0.0171\0.0150	129\113	15-165\54	13.		
p,p'-DDT	ND	0.0133	0.0456\0.0316	343\238	10-202\70	36.		
Dieldrin	ND	0.0133	0.0185\0.0178	139\134	33-169\36	3.9		
Endrin	ND	0.0133	0.0158\0.0166	119\125	10-195\29	4.9		
Heptachlor	ND	0.0133	0.0153\0.00835	115\63	10-209\32	59.		
Surrogate TCMX	NC	0.0133	0.0301\0.0278	226\209	19-140\			
Surrogate Decachlorobiphenyl	NC	0.0133	0.0153\0.0152	115\114	40-138\			
QC BATCH: T020261OCP (continued)								
QC SAMPLE LAB NUMBER: C090415-2								
POLYCHLORINATED BIPHENYLS (PCBS)							09.18.02	1-4
PCB 1260	ND	0.0667	0.0659\0.0419	99\63	30-155\35	45.		
Surrogate TCMX	58.%	0.0133	0.0138\0.0048	104\36	19-140\			
Surrogate Decachlorobiphenyl	89.%	0.0133	0.0132\0.0085	99\64	40-138\			
QC BATCH: T020267OCP								
QC SAMPLE LAB NUMBER: C090415-18								
CHLORINATED PESTICIDES							09.22.02	5
Aldrin	ND	0.04	0.0203\0.0182	51\46	10-181\39	11.		
gamma-BHC (Lindane)	ND	0.04	0.0417\0.0553	104\138	15-165\54	28.		
p,p'-DDT	ND	0.04	0.0308\0.0251	77\63	10-202\70	20.		
Dieldrin	ND	0.04	0.0217\0.0191	54\48	33-169\36	13.		
Endrin	ND	0.04	0.0265\0.0220	66\55	10-195\29	19.		
Heptachlor	ND	0.04	0.0165\0.0170	41\42	10-209\32	3.0		
Surrogate TCMX	101.%	0.04	0.0378\0.0464	94\116	19-140\			
Surrogate Decachlorobiphenyl	50.%	0.04	0.0117\0.0152	29\38	40-138\			

1) The sample was analyzed following sulfuric acid cleanup (EPA Method 3665).
2) The final volume of the sample extract was higher than the nominal amount, resulting in (a) higher reporting limit(s).
3) Sample diluted due to a high concentration of non-target analyte(s), resulting in increased reporting limits.
4) Matrix spike recovery(ies) and RPD outside control limit. Sample result accepted based on LCS and Method Blank.
5) This sample was analyzed following Florisil column cleanup (EPA Method 3620B).

LAB ORDER No.: C090415

MATRIX SPIKE ANALYTICAL RESULTS

ANALYTE	ORIGINAL RESULT	SPIKE AMOUNT	SPIKE\DUP RESULT	SPK\DUP %REC	ACCEPTANCE %REC \RPD	REL% DIFF	ANALYZED	NOTES
QC BATCH: T0202670CP (continued)								
QC BATCH: T0202670CP (continued)								
QC SAMPLE LAB NUMBER: C090415-19								
POLYCHLORINATED BIPHENYLS (PCBS)							09.23.02	1
PCB 1260	ND	0.0667	0.0723\0.0678	108\102	30-155\35	6.4		
Surrogate TCMX	70.%	0.0133	0.0112\0.0118	84\88	19-140\			
Surrogate Decachlorobipheny1	44.%	0.0133	0.0123\0.0119	92\89	40-138\			
QC BATCH: V020072G9A								
QC SAMPLE LAB NUMBER: C090231-12								
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS							09.13.02	2
Benzene	ND	0.032	0.0333\0.0351	104\110	20-120\35	5.3		
Toluene	ND	0.193	0.174\0.185	90\96	60-140\25	6.1		
Ethylbenzene	ND	0.046	0.0406\0.0426	88\93	20-120\25	4.8		
Xylenes (Total)	ND	0.231	0.199\0.209	86\90	10-110\35	4.9		
Methyl tert-Butyl Ether (MTBE)	ND	J0.052	J0.0528\J0.0593	102\114		12.		
Surrogate 4-Bromofluorobenzene [PID]	72.%	0.050	0.0390\0.0389	78\78	60-140\			
QC BATCH: V020073G9A								
QC SAMPLE LAB NUMBER: C090231-37								
AROMATIC HYDROCARBONS AND TOTAL PURGEABLE PETROLEUM HYDROCARBONS							09.16.02	2
Benzene	ND	0.032	0.0225\0.0241	70\75	20-120\35	6.9		
Toluene	ND	0.193	0.0917\0.100	48\52	60-140\25	8.7		
Ethylbenzene	ND	0.046	0.0151\0.0167	33\36	20-120\25	10.		
Xylenes (Total)	ND	0.231	0.0714\0.0785	31\34	10-110\35	9.5		
Methyl tert-Butyl Ether (MTBE)	ND	J0.052	J0.0518\J0.0521	100\100		0.6		
Surrogate 4-Bromofluorobenzene [PID]	61.%	0.050	0.0349\0.0323	70\65	60-140\			

1) The sample was analyzed following sulfuric acid cleanup (EPA Method 3665).
2) A "J" flagged result indicates an estimated concentration above the Method Detection Limit (MDL) and below the RL/ML (Reporting Limit/Minimum Level). The 'J' flag is equivalent to the DNQ Estimated Concentration flag.

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SAMPLE CHAIN OF CUSTODY

PAGE 1 OF 5

LAB ORDER #:

PROJECT #/ PROJECT NAME: DELTA WETLANDS - HOLLAND IS.

P.O. #

CLIENT: CA. DEPT. WATER RESOURCES

REPORT TO: BILL NICHOLS

ADDRESS: ~~901 P ST.~~ 1450 RIVERBANK RD

CITY: WEST SACRAMENTO

STATE: CA

ZIP: ~~94236~~ 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008

FAX PHONE: (916) 375-6019

SAMPLER (PRINT & SIGN NAME): DON GUY / JIM GLEIM

ANALYSES REQUESTED

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	pH	TITLE 22 TILC	TITLE 22 CT VI	BTEX / MTBE	OIL / GREASE	ORGANO CHLORINE PESTICIDE	PCB	PAH	ORGAN TIN COMPOS	REMARKS
	9/5/02	10:47	SOIL	16 OZ GLASS	N/A	DWH-1A		Grab	✓	✓		✓	✓	✓	✓	✓	✓	
	9/5/02	10:47	SOIL	8 OZ. GLASS	N/A	DWH-1AH					✓							
	9/5/02	11:00	SOIL	16 OZ.	N/A	DWH-1B			✓	✓		✓	✓	✓	✓	✓	✓	
	9/5/02	11:00	SOIL	8 OZ.	N/A	DWH-1BH					✓							
	9/5/02	11:09	SOIL	16 OZ	N/A	DWH-2A			✓	✓		✓	✓	✓	✓	✓	✓	
	9/5/02	11:09	SOIL	8 OZ	NA	DWH-2AH					✓							
	9/5/02	11:11	SOIL	16 OZ	NA	DWH-2B			✓	✓		✓	✓	✓	✓	✓	✓	
	9/5/02	11:11	SOIL	8 OZ	N/A	DWH-2BH					✓							
	9/5/02	12:00	SOIL	16 OZ	N/A	DWH-3A			✓	✓		✓	✓	✓	✓	✓	✓	
	9/5/02	12:00	SOIL	~~16 OZ~~ 8 OZ.	N/A	DWH-3AH		GRAB			✓							

By submittal of sample(s), client agrees to abide by the Terms and Conditions set forth on the reverse of this document.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
[signature]	9.6.2 1645	[signature]			

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Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N TEMP: ____ SEALED: Y/N INTACT: Y/N

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R ____ PR ____ M ____ F ____

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PAGE 2 OF 5

LAB ORDER #:

SAMPLE CHAIN OF CUSTODY

PROJECT # / PROJECT NAME: DELTA WETLANDS - HOLLAND ISLAND

P.O. #:

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERBANK RD. CITY: WEST SACRAMENTO STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6819 SAMPLER (PRINT & SIGN NAME): DON TUY / JIM TOLEIM

ANALYSES REQUESTED

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	TPH	T-22 METALS	CAM TITLE 22 METALS	8260 (VOA)	OIL/GREASE	ORG. CHLOR. PESTICIDES	PCB	TPH (DIESEL)	OTHER: HOLD, COMPOSITE	REMARKS
	9/5/02	1204	SOIL	16 oz	NONE	DWH-3B		GRAB	✓	✓		✓	✓	✓	✓	✓	✓	
		1204		8 oz		DWH-3BH					✓							
		1214		16 oz		DWH-4A			✓	✓		✓	✓	✓	✓	✓	✓	
		1215		8 oz		DWH-4AH					✓							
		1222		16 oz		DWH-4B			✓	✓		✓	✓	✓	✓	✓	✓	
		1232		8 oz		DWH-4BH					✓							
		1335		16 oz		DWH-5A			✓	✓		✓	✓	✓	✓	✓	✓	
		1335		8 oz		DWH-5AH					✓							
		1345		16 oz		DWH-5B			✓	✓		✓	✓	✓	✓	✓	✓	
	9/5/02	1346	SOIL	8 oz	NONE	DWH-5BH		GRAB			✓							

By submittal of sample(s), client agrees to abide by the Terms and Conditions set forth on the reverse of this document.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
	9-6-2 1615				

Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N ____ TEMP: ____ SEALED: Y/N ____ INTACT: Y/N ____

FOR LAB USE ONLY

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R ____ PR ____ M ____ F ____

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SAMPLE CHAIN OF CUSTODY

PAGE 3 OF _____

LAB ORDER #:

PROJECT # / PROJECT NAME: DELTA WETLANDS - HOLLAND ISLAND

P.O. #

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERBANK CITY: W. SACRAMENTO STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019

SAMPLER (PRINT & SIGN NAME): DON GUY / JIM GLEIM

ANALYSES REQUESTED

TURN-AROUND TIME
☐ STANDARD
☐ RUSH

DUE DATE: _____

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	pH	TITLE 22 METALS TLC	Cr. VI	BTEX / MTBE	DIL / INCREASE	ORG. CHLORINE PESTICIDES	PCB's	TPH	OTHER: TPH-D (ext.)	REMARKS
	9/5/02	1340	Soil	16oz	NONE	DWH-6A		C-Lab	✓	✓		✓	✓	✓	✓	✓	✓	
		1341		8oz		DWH-6AH		GRAB			✓							
		1352		16oz		DWH-6B1		COMP.	✓	✓		✓	✓	✓	✓	✓	✓	
		1352		8oz		DWH-6BH1		COMP.			✓							
		1352		16oz		DWH-6B2		COMP	✓	✓		✓	✓	✓	✓	✓	✓	
		1352		8oz		DWH-6BH2		COMP.			✓							
		1410		16oz		DWH-7A		C-LAB	✓	✓		✓	✓	✓	✓	✓	✓	
		1410		8oz		DWH-7AH					✓							
		1412		16oz		DWH-7B			✓	✓		✓	✓	✓	✓	✓	✓	
	9/5/02	1412	Soil	8oz	NONE	DWH-7BH		C-LAB			✓							

By submittal of sample(s), client agrees to abide by the Terms and Conditions set forth on the reverse of this document.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
	9/6 1645				

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Samples: WC____ MICRO____ BIO____ AA____ SV____ VOA____ | pH? Y/N | TEMP:____ | SEALED: Y/N | INTACT: Y/N

BD: BIO____ WC____ AA____

CC: AA____ SV____ VOA____

SIL: HP____ PT____ QT____ VOA____

W/HNO$_3$____ H$_2$SO$_4$____ NaOH____

PIL: HNO$_3$____ H$_2$SO$_4$____ NaOH____ HCL____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R____ PR____ M____ F____

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SAMPLE CHAIN OF CUSTODY

PAGE 4 OF 5

LAB ORDER #:

PROJECT # / PROJECT NAME: DELTA WETLAND - HOLLAND ISLAND

P.O. #

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERBANK RD. CITY: WEST SACRAMENTO STATE: CA ZIP: 95608

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019 SAMPLER (PRINT & SIGN NAME): DON GUY / JIM GLEIM

ANALYSES REQUESTED

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	pH	TITLE 22 METALS TILE	Cr. VI TITLE 22	BTEX/MTBE	OIL/GREASE	ORGANOCHLORINE PESTICIDES	PCBS	PAH	[illegible]	REMARKS
	9/5/02	1418	SOIL	16oz	NONE	DWH-8A	GRAB		✓	✓		✓	✓	✓	✓	✓	✓	
	↓	1418	↓	8oz.	↓	DWH-8AH	GRAB				✓							
		1425		16oz.		DWH-8B1	COMP.		✓	✓		✓	✓	✓	✓	✓	✓	
		1425		16oz		DWH-8B2	↓		✓	✓		✓	✓	✓	✓	✓	✓	
		1425		8oz		DWH-8BH1					✓							
		1425		8oz		DWH-8BH2	COMP.				✓							
		1515		16oz		DWH-9A	GRAB		✓	✓		✓	✓	✓	✓	✓	✓	
		15:15		8#oz		DWH-9AH	↓				✓							
	↓	15:35	↓	16oz	↓	DWH-10A	↓		✓	✓		✓	✓	✓	✓	✓	✓	
	9/5/02	15:35	SOIL	8oz	NONE	DWH-10AH	GRAB				✓							

By submittal of sample(s), client agrees to abide by the Terms and Conditions set forth on the reverse of this document.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
[signature]	9-6-2 1645	[signature]			

Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N TEMP: ____ SEALED: Y/N INTACT: Y/N

FOR LAB USE ONLY

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R ____ PR ____ M ____ F ____

REV. 2/99

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YELLOW - CLIENT COPY TO ACCOMPANY FINAL REPORT

WHITE - LABORATORY

Caltest ANALYTICAL LABORATORY

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SAMPLE CHAIN OF CUSTODY

PAGE 5 OF 5

LAB ORDER #:

PROJECT # / PROJECT NAME: Delta Wetlands - Holland Island

P.O. #

CLIENT: DWR

REPORT TO: Bill Nickels

ADDRESS: 1450 Riverbank Rd. CITY: West Sacramento STATE: CA ZIP: 95605

BILLING ADDRESS: Same

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019 SAMPLER (PRINT & SIGN NAME): Don Guy / Jim Gleim [signature]

ANALYSES REQUESTED

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	FP	Title 22 Metals TLC	Cr. VI Title 22	BTEX/MTBE	OIL/Grease	Organochlorine Pesticide	TCB	PAH	Organophosphorus Comp.	REMARKS
	9/5/02	1552	Soil	16oz.	None	DWH - 11A		Grab	✓	✓		✓	✓	✓	✓	✓	✓	
	9/5/02	1552	Soil	8oz	None	DWH - 11AH					✓							
	9/6/02	1450	Water	40oz. VOA	HCl	DWH - F1						✓		✓	✓	✓	✓	
	9/6/02	1450	Water	40 oz VOA	HCl	DWH - F2						✓		✓	✓	✓	✓	
	9/5/02	11:15	Water	1 Pint	HCl	DWH - EB		Grab		✓	✓							

By submittal of sample(s), client agrees to abide by the Terms and Conditions set forth on the reverse of this document.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
[signature]	9/6/2 1645	[signature]			

FOR LAB USE ONLY

Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N TEMP: ____ SEALED: Y/N INTACT: Y/N

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R ____ PR ____ M ____ F ____

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SAMPLE CHAIN OF CUSTODY

PAGE 1 OF 4

LAB ORDER #:

PROJECT # / PROJECT NAME: DELTA WETLANDS - WEBB TRACT

P.O. #

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERBANK RD CITY: WEST SACRAMENTO STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019 SAMPLER (PRINT & SIGN NAME): DON GUY / JIM GLEIM [signature]

ANALYSES REQUESTED

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	pH	TITLE 22 Metals TLC	Cr. VI TITLE 22	BTEX / MTBE	OIL / GREASE	ORGANIC CHLORINE PESTICIDE	PCB	PAH	ORGANIC FILTERS COMPS	REMARKS
	9/6/02	1050	SOIL	16oz.	NONE	DWW-12A			✓	✓		✓	✓	✓	✓	✓	✓	
	↓	1050	↓	8oz	↓	DWW-12AH					✓							
		1100		16oz		DWW-12B			✓	✓		✓	✓	✓	✓	✓	✓	
		1100		8oz		DWW-12BH					✓							
		1114		16oz		DWW-13A			✓	✓		✓	✓	✓	✓	✓	✓	
		11:14		8oz		DWW-13AH			*	*	✓							
		11:16		16oz		DWW-13B			✓	✓		✓	✓	✓	✓	✓	✓	
		11:16		8oz		DWW-13BH					✓							
	↓	11:25	↓	16oz	↓	DWW-14A			✓	✓		✓	✓	✓	✓	✓	✓	
	9/6/02	11:25	SOIL	8oz	NONE	DWW-14AH					✓							

By submittal of sample(s), client agrees to abide by the Terms and Conditions set forth on the reverse of this document.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
[signature]	9-6-2 1645	[signature]			

FOR LAB USE ONLY

Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N TEMP: ____ SEALED: Y/N INTACT: Y/N

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R ____ PR ____ M ____ F ____

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SAMPLE CHAIN OF CUSTODY

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PAGE 2 OF 4

LAB ORDER #:

PROJECT # / PROJECT NAME: DELTA WETLANDS - WEBB TRACT

P.O. #

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERBANK RD. CITY: WEST SACRAMENTO STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: 1375-6008 FAX PHONE: 916) 375-6019

SAMPLER (PRINT & SIGN NAME): DON CUY / JIM GLEIM

ANALYSES REQUESTED

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	pH	TITLE 22 Metals TRC	CR VI TITLE 22	BTEX / MTBE	OIL / GREASE	ORGANOCHLORINE PESTICIDE	PCB	PAH	ORGANOPHOSPHORUS COMPS.	REMARKS
	9/6/02	11:32	SOIL	16oz	NONE	DWW-14B1		COMP	✓	✓		✓	✓	✓	✓	✓	✓	
		11:32		16oz		DWW-14B2			✓	✓		✓	✓	✓	✓	✓	✓	
		1132		8oz		DWW-14BH1					✓							
		1132		8oz		DWW-14BH2		COMP.			✓							
		1140		16oz		DWW-15A		GRAB	✓	✓		✓	✓	✓	✓	✓	✓	
		1140		8oz		DWW-15AH					✓							
		11:45		16oz		DWW-15B			✓	✓		✓	✓	✓	✓	✓	✓	
		11:46		8oz		DWW-15BH					✓							
		1153		16oz		DWW-16A			✓	✓		✓	✓	✓	✓	✓	✓	
	9/6/02	1154	SOIL	8oz	NONE	DWW-16AH		GRAB			✓							

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RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
[signature]	9-6-02 1645	[signature]			

Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N TEMP: ____ SEALED: Y/N INTACT: Y/N

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R ____ PR ____ M ____ F ____

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SAMPLE CHAIN OF CUSTODY

PAGE 3 OF 4

LAB ORDER #:

PROJECT # / PROJECT NAME: DELTA WETLANDS - WEBB TRACT

P.O. #:

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERBANK RD. CITY: WEST SACRAMENTO STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019

SAMPLER (PRINT & SIGN NAME): RON GUY DAN GRIMM

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

ANALYSES REQUESTED: pH; TITLE 22 Metals; TTLC; CC. VII TITLE 22; BTEX / MTBE; OIL & GREASE; ORGANOCHLORINE PESTICIDES; PCB; PAH; Dissolved Metals (Filtered in Lab)

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	REMARKS
	9/6/02	1107	SL	SJ	NONE	DWW-16B		GRAB	
		1158	SL	SJ		DWW-16BH			
		1207	WG	~~WAPT~~		DWW-17EB			
		1230	~~SL~~ SL	SJ		DWW-18A			
		1230	SL	SJ		DWW-18AH			
		1247	SL	SJ		DWW-19A			
		1247	SL	SJ		DWW-19AH		GRAB	
		1340	SL	SJ		DWW-20A1		COMP	
		1340	SL	SJ		DWW-20AH1		COMP	
	9/6/02	1340	SL	SJ	NONE	DWW-20A2		COMP	

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RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
	9.6.02 1645				

FOR LAB USE ONLY

Samples: WC____ MICRO____ BIO____ AA____ SV____ VOA____ pH? Y/N TEMP:____ SEALED: Y/N INTACT: Y/N

BD: BIO____ WC____ AA____

CC: AA____ SV____ VOA____

SIL: HP____ PT____ QT____ VOA____

W/HNO_3____ H_2SO_4____ NaOH____

PIL: HNO_3____ H_2SO_4____ NaOH____ HCL____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R____ PR____ M____ F____

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PAGE 4 OF 4

LAB ORDER #:

SAMPLE CHAIN OF CUSTODY

PROJECT # / PROJECT NAME: DELTA WETLANDS - WEBB TRACT

P.O. #:

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERBANK RD. CITY: WEST SACRAMENTO STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019 SAMPLER (PRINT & SIGN NAME): DON GUY / JIM GLEIM

ANALYSES REQUESTED

TURN-AROUND TIME
☐ STANDARD
☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	8H	TITLE 22 Metals	TITLE 22	CT 44	BTEX/MTBE	SVOC/PCB	ORGANOCHLORINE PESTICIDES	PCB	TPH	(REMARKS: TOC's (composite))	REMARKS
	9/6/02	1340	SL	SJ	NONE	DWW - 20AH2		COMP			✓								
		1345	SL	SJ		DWW - 20B		GRAB	✓	✓		✓	✓	✓	✓	✓	✓		
		1345	SL	SJ		DWW - 20BH					✓								
		1335	SL	SJ		DWW - 21A			✓	✓		✓	✓	✓	✓	✓	✓		
		1335	SL	SJ	NONE	DWW - 21AH					✓								
	↓	1350	AQ	VOA	HCl	DWW - FB1		↓				✓							
	9/6/02	1350	AQ	VOA	HCl	DWW - FB2		GRAB				✓							

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RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY
	9-6-02 16:45				

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Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N TEMP: ____ SEALED: Y/N INTACT: Y/N

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R ____ PR ____ M ____ F ____

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SAMPLE CHAIN OF CUSTODY

PAGE 1 OF 3

LAB ORDER #:

PROJECT # / PROJECT NAME: DELTA WETLANDS - BACON ISLAND

P.O. #:

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERBANK RD. CITY: WEST SACRAMENTO STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019 SAMPLER (PRINT & SIGN NAME): CHRIS HUITT / JIM GLEIM

ANALYSES REQUESTED

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	pH	TITLE 22 METALS TTLC	CR VI TITLE 22	BTEX / MTBE	OIL / GREASE	ORGANOCHLOR. PESTICIDES	PCBs	PAH	ORGANOPHOS. COMPOUNDS	REMARKS
	9/9/02	10:22	SOIL	SJ	NONE	DWB-22A		GRAB	✓	✓		✓	✓	✓	✓	✓	✓	
		10:22	SL	SJ		DWB-22AH					✓							
		10:55	SL	SJ		DWB-23A			✓	✓		✓	✓	✓	✓	✓	✓	
		10:55	SL	SJ		DWB-23AH		GRAB			✓							
		11:00	SL	SJ		DWB-24B1		COMP	✓	✓		✓	✓	✓	✓	✓	✓	
		11:00	SL	SJ		DWB-24BH1		COMP			✓							
		11:00	SL	SJ		DWB-24B2		COMP	✓	✓		✓	✓	✓	✓	✓	✓	
		11:00	SL	SJ		DWB-24BH2		COMP			✓							
		11:25	SL	SJ		DWB-25A		GRAB	✓	✓		✓	✓	✓	✓	✓	✓	
	9/9/02	11:25	SL	SJ	NONE	DWB-25AH		GRAB			✓							

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RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY

FOR LAB USE ONLY

Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N TEMP: ____ SEALED: Y/N INTACT: Y/N

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R ____ PR ____ M ____ F ____

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PAGE 2 OF 3

LAB ORDER #:

SAMPLE CHAIN OF CUSTODY

PROJECT # / PROJECT NAME: DELTA WETLANDS - BACON ISLAND

P.O. #:

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERBANK RD. CITY: WEST SACRAMENTO STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019 SAMPLER (PRINT & SIGN NAME): CHRIS HUITT / JIM GLEIM

ANALYSES REQUESTED

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	Diss. Title 22 Metals (Cr VI)	Title 22 Metals (Cr VI)	BTEX / MTBE	Oil & Grease / Organochlor. Pesticides	PCB	PAH	Organophos. Compounds	REMARKS
	9/9/02	11:30	SL	SJ	NONE	DWB-25B			/	/		/	/	/	/	
		11:30	SL	SJ		DWB-25BH				/						
		11:20	SL	SJ		DWB-26A			/	/		/	/	/	/	
		11:20	SL	SJ		DWB-26AH				/						
		11:25	SL	SJ		DWB-26B			/	/		/	/	/	/	
		11:25	SL	SJ		DWB-26BH				/						
		12:07	SL	SJ		DWB-27A			/	/		/	/	/	/	
		12:07	SL	SJ		DWB-27AH				/						
		12:50	SL	SJ		DWB-28A			/	/		/	/	/	/	
	9/9/02	12:50	SL	SJ	NONE	DWB-28AH				/						

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RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY

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Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N TEMP: ____ SEALED: Y/N INTACT: Y/N

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL.VOA; OTC = Other Type Container

R ____ PR ____ M ____ F ____

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SAMPLE CHAIN OF CUSTODY

PAGE 3 OF 3

LAB ORDER #:

PROJECT # / PROJECT NAME: DELTA WETLANDS - BACON ISLAND

P.O. #:

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERBANK RD. CITY: WEST SACRAMENTO STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019 SAMPLER (PRINT & SIGN NAME): CHRIS WITT / JIM GLEIM

ANALYSES REQUESTED

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	pH	TITLE 22	CAM METALS TITLE 22	BTEX / MTBE	OIL & GREASE	ORGANICS: CHLORO, SEMI, PEST	PCBs	PAH	8270 MASTER, COMPOUNDS	REMARKS
	9/9/02	1300	SOIL	SJ	NONE	DWB-28B1		COMP		✓		✓	✓	✓	✓	✓	✓	
		1300				DWB-28BH1		COMP			✓							
		1305				DWB-29A		Grab		✓		✓	✓	✓	✓	✓	✓	
		1305				DWB-29AH		Grab			✓							
		13:12				DWB-29B		Grab		✓		✓	✓	✓	✓	✓	✓	
		13:12				DWB-29BH		Grab			✓							
		1300				DWB-28B2		COMP		✓		✓	✓	✓	✓	✓	✓	
		1300				DWB-28BH2		COMP			✓							
		9:10				DWB-29EB		Grab		✓	✓							
	9/9/02																	

By submittal of sample(s), client agrees to abide by the Terms and Conditions set forth on the reverse of this document.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY

FOR LAB USE ONLY

Samples: WC____ MICRO____ BIO____ AA____ SV____ VOA____ pH? Y/N TEMP:____ SEALED: Y/N INTACT: Y/N

BD: BIO____ WC____ AA____

CC: AA____ SV____ VOA____

SIL: HP____ PT____ QT____ VOA____

W/HNO_3____ H_2SO_4____ NaOH____

PIL: HNO_3____ H_2SO_4____ NaOH____ HCL____

COMMENTS

MATRIX: AQ = Aqueous Nondrinking Water, Digested Metals; FE = Low R.L.s, Aqueous Nondrinking Water, Digested Metals; DW = Drinking Water; SL = Soil, Sludge, Solid; FP = Free Product

CONTAINER TYPES: AL = Amber Liter; AHL = 500 ml Amber; PT = Pint (Plastic); QT=Quart (Plastic); HG = Half Gallon (Plastic); SJ = Soil Jar; B4 = 4 oz. BACT; BT = Brass Tube; VOA = 40 mL VOA; OTC = Other Type Container

R____ PR____ M____ F____

REV 2/99

WHITE - LABORATORY YELLOW - CLIENT COPY TO ACCOMPANY FINAL REPORT PINK - CLIENT COPY AS RECEIPT

Caltest ANALYTICAL LABORATORY

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SAMPLE CHAIN OF CUSTODY

PAGE 1 OF 2

LAB ORDER #:

PROJECT # / PROJECT NAME: DELTA WETLANDS - BOULDIN IS.

P.O. #:

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 RIVERSIDE RD. CITY: WEST SACRAMENTO STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019

SAMPLER (PRINT & SIGN NAME): CHRIS HUTT JIM GLEIM

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

ANALYSES REQUESTED

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	pH	TITLE 22 METALS TLC	CAM 17 METALS	EDB / DBCP	OIL & GREASE	ORGANOCHLORINE PESTICIDES	PCB	PAH	ORGANOPHOSPHORUS PESTICIDES	REMARKS
	9/10/02	9:07	AQ	VOA	HCl	DWL - FB3		Grab										
		9:07	AQ	VOA	HCl	DWL - FB4		Grab										
		9:20	SL	SJ	NONE	DWL - 30A1		Comp										
		9:20	SL	SJ		DWL - 30AH1		Comp										
		9:20	SL	SJ		DWL - 30A2		Comp										
		9:20	SL	SJ		DWL - 30AH2		Comp										
		9:35	SL	SJ		DWL - 30B		Grab										
		9:35	SL	SJ		DWL - 30BH		Grab										
		9:40	SL	SJ		DWL - 30C		Grab										
	9/10/02	9:40	SL	SJ	NONE	DWL - 30CH		Grab										

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RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY

FOR LAB USE ONLY

Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N: ____ TEMP: ____ SEALED: Y/N ____ INTACT: Y/N ____

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

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R ____ PR ____ M ____ F ____

REV. 2/99

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YELLOW - CLIENT COPY TO ACCOMPANY FINAL REPORT

WHITE - LABORATORY

Caltest ANALYTICAL LABORATORY

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SAMPLE CHAIN OF CUSTODY

PAGE 2 OF 2

LAB ORDER #:

PROJECT # / PROJECT NAME: DELTA WETLANDS - BOULDIN IS.

P.O. #

CLIENT: DWR

REPORT TO: BILL NICKELS

ADDRESS: 1450 Riverbank Rd. CITY: West Sacramento STATE: CA ZIP: 95605

BILLING ADDRESS: SAME

PHONE #: (916) 375-6008 FAX PHONE: (916) 375-6019 SAMPLER (PRINT & SIGN NAME): Chris Hutt / Jim Gleim

ANALYSES REQUESTED

TURN-AROUND TIME: ☐ STANDARD ☐ RUSH

DUE DATE:

CALTEST #	DATE SAMPLED	TIME SAMPLED	MATRIX	CONTAINER AMOUNT/TYPE	PRESERVATIVE	SAMPLE IDENTIFICATION SITE	CLIENT LAB #	COMP. or GRAB	pH	TITLE 22 METALS TLC	Cr VI TITLE 22	BTEX / MTBE	OIL / GREASE	ORG AND CHLOR. PESTICIDES	PCB	PAH	ORGANIC PHOSPHOR. COMPOUNDS	REMARKS
	9/10/02	9:55	SL	SJ	NONE	DWL - 31A		Grab	✓	✓		✓	✓	✓	✓	✓	✓	
	"	9:55	SL	SJ		DWL - 31AH					✓							
		10:40	SL	SJ		DWL - 32A			✓	✓		✓	✓	✓	✓	✓	✓	
		10:40	SL	SJ	NONE	DWL - 32AH					✓							
	9/10/02	12:40	AQ	PT	HCl	DWL - 32EB		Grab	✓	✓								

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RELINQUISHED BY	DATE/TIME	RECEIVED BY	RELINQUISHED BY	DATE/TIME	RECEIVED BY

Samples: WC ____ MICRO ____ BIO ____ AA ____ SV ____ VOA ____ pH? Y/N TEMP: ____ SEALED: Y/N INTACT: Y/N

BD: BIO ____ WC ____ AA ____

CC: AA ____ SV ____ VOA ____

SIL: HP ____ PT ____ QT ____ VOA ____

W/HNO_3 ____ H_2SO_4 ____ NaOH ____

PIL: HNO_3 ____ H_2SO_4 ____ NaOH ____ HCL ____

COMMENTS

FOR LAB USE ONLY

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